

# ROOFING TIMES

ISSUE

08

## WELCOME TO THE FIRST ROOFING TIMES OF 2022

This is perhaps the most jam-packed Roofing Times we've ever had, featuring articles from 19 Supplier Members.

In this edition you will hear from **Bauder, Bilco UK, BMI, Brett Martin, Chandlers, Danosa, Dupont Tyvek, EJOT, Evergreens, Kytun, Marley, Paslode Spit, Permavent, PGM Solicitors, Sika, Surespan, TN International, Wallbarn** and **W J Horrod**.

You can also read more about the Fifth Edition of the **NFRC Blue Book (Revision A)** which has recently been launched. Many thanks to **EJOT** for supporting this important publication.

Finally, as the **'INDUSTRY CHOICE'** vote for the UK Roofing Awards 2021 closed after the publication date of the last edition of Roofing Times, we thought it would only be fair to give the deserved winner of this prize, **LRL Roofing Solutions** a feature on their **'Wythenshaw Forum'** project in this edition. Read more about this great project later on.

Please, as always, give us any feedback you have, by emailing [roofingtimes@nfrco.co.uk](mailto:roofingtimes@nfrco.co.uk).

I hope you enjoy reading this edition.

**Steve Laurence**  
National Account Manager,  
Supplier Members



## NFRC LAUNCHES FIFTH EDITION OF BLUE BOOK TO REFLECT MOST RECENT CHANGES IN REGULATION AND STANDARDS

**NFRC**  
LEADING ROOFING EXCELLENCE

NFRC has published the Fifth Edition (Revision A) of 'Profiled sheet roofing and cladding—the NFRC guide to design and best practice', more commonly known as the 'BLUE BOOK'.

Aimed at designers, estimators and installers, the Blue Book provides an accessible, practical guide to the application, design and installation of profiled sheeting for roofs and wall cladding.

With the help of the NFRC Sheeting and Cladding Technical Committee and other stakeholders, the Blue Book has now been updated and reviewed to ensure it reflects the most-recent changes in building regulations, Approved Documents, industry standards, and modern techniques.

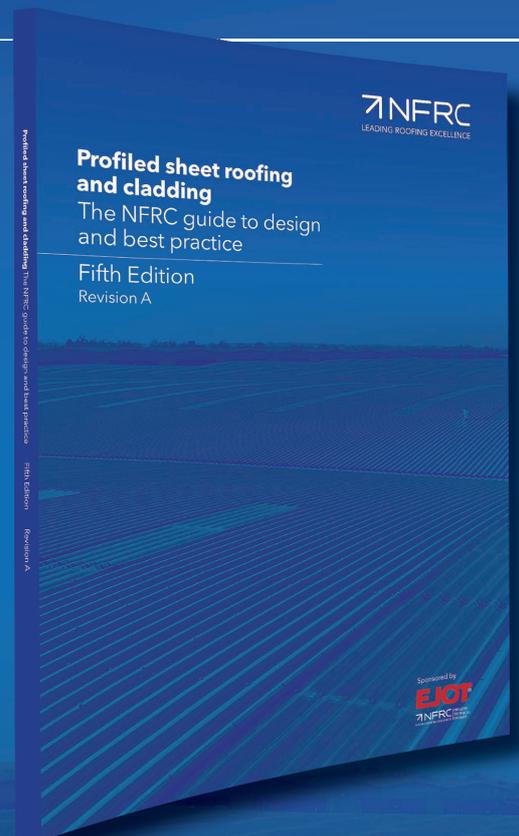
For the first time, the Blue Book now provides a breakdown of the differences in building regulations between all four Devolved Nations.

The revised Fifth Edition also incorporates the updated BS 5427 Code of Practice for the use of profiled sheets for roof and wall cladding.

All NFRC members involved in sheeting and cladding should receive a digital copy of the Blue Book via email. Those who would like a physical copy should request one by emailing [helpdesk@nfrco.co.uk](mailto:helpdesk@nfrco.co.uk)

Additional copies can be purchased by NFRC members for £30 (£45 for non-members).

**Special thanks go to EJOT for kindly sponsoring this Fifth Edition of the BLUE BOOK.**



UK ROOFING AWARDS 2021

WINNER

NFRC

## WYTHENSHAW FORUM VOTED AS 'INDUSTRY CHOICE' WINNER AT NFRC'S UK ROOFING AWARDS 2021



An important community hub that accommodates a variety of essential services wins the UK ROOFING AWARDS 'INDUSTRY CHOICE' award, as voted for by fellow industry professionals.

Within the past ten years, the large Wythenshawe Forum building began to suffer from severe leaks, causing disruption and safety issues. Manchester City Council decided that a full refurbishment would protect this important community asset for many more years.

Local contractor **LRL Roofing Solutions** took on this challenging project, which involved the removal of a full metal profile flat-to-pitched conversion and subsequent installation of three different Bauder systems.

Transport liaison became a major factor throughout the project due to the centre's location in relation to the transport terminus and airport nearby. LRL worked closely with Transport for Greater Manchester to avoid delays to local bus and tram services, and relevant aerospace permits were obtained for cranes situated under a busy flight path.

In total, a sizeable 5,693 m<sup>2</sup> of roofing area was updated. However, the seemingly straightforward installation raised serious questions once the contractor unearthed problems on the

swimming pool area. A single-skin carrier sheet was detected after samples were made, and this threw original plans to install the Bauder BTRS system into the air. Quick and practical resolutions were agreed, and the Bauder Thermofol Single Ply was chosen as the remedy.

In its fiftieth year LRL improved not only the roof, but ensured a whole community had a place to exercise, shop and keep healthy during the midst of a pandemic.



# BRETT MARTIN ENHANCES BUILDING SECURITY WITH MARDOME TRADE



To find out more  
about Brett Martin visit  
[www.brettmartin.com](http://www.brettmartin.com).

Secured by Design



Police Preferred Specification

Demonstrating the company's commitment to ongoing testing for safety and security and providing homeowners with extra security and peace of mind, **BRETT MARTIN'S** Mardome Trade rooflights have achieved Secured by Design (SBD) accreditation.

Proven to reduce burglary and crime rates by up to 87 per cent on new-build developments, SBD is part of Police Crime Prevention Initiatives (PCPI), a police-owned organisation that works

on behalf of the Police Service to deliver a wide range of crime prevention and demand reduction initiatives across the UK.

Products must be subject to rigorous testing and, additionally, be fully certificated by an independent, third-party certification body accredited by the United Kingdom Accreditation Service (UKAS) before being allowed to carry the SBD logo. This is the only way for companies to obtain police accreditation for security-related products in the UK.

SBD accreditation is only available with specific variants of Mardome Trade rooflights, with these additions to the Brett Martin range designed to have an impact on crime deterrence.

With the safety and security of homes and crime prevention an important consideration, Brett Martin's Mardome Trade SBD variants form part of a range of rooflight solutions that will ensure a high level of rooflight security on a diverse range of projects.

## KEEPING SAFE THIS WINTER WITH MARLEY

**MARLEY'S** 'Winter Safety' campaign provides professional roofers with advice and support on how to stay safe on-site when faced with difficult working conditions throughout the colder winter months.



Key points to stay safe and healthy are as follows:

- **Watch the weather**

Make sure that the weather forecast is monitored on a daily basis so that any poor weather is anticipated and action is taken. Working at height platforms and roofs should be regularly checked for ice—if present, work should cease immediately as per the *Working at Height Regulations 2005*.

- **Keep the heat in**

Lower temperatures mean that additional clothing is essential. Rapid heat loss or reduction in body temperature over time can lead to serious illness.

Wear at least three layers of clothing—a base layer, a middle, breathable layer to help insulate and a good wind/waterproof outer layer that fits well and gives good elemental protection.

Take in hot food and drinks throughout the day to help keep the body's core temperature at a healthy level.



- **Avoid slips, trip and falls**

Ice formation presents a major slipping hazard, especially at height. Such areas need to be treated to avoid slips, trips and falls.

Clear icy patches with salt or sand when and where needed, and wear sturdy footwear with warm thick socks for added protection.

### WINTER WIN

Win a fantastic Makita heated jacket—just visit [www.marley.co.uk/wintersafety](http://www.marley.co.uk/wintersafety) to be entered into our prize draw.

For further details, please visit [www.marley.co.uk](http://www.marley.co.uk) or call 01283 722222.

# ROOFING TALENT SHINES THROUGH IN BMI'S APPRENTICE OF THE YEAR COMPETITION

Roofing apprentices **Jamie Scott of Bourne-based Sandall Roofing, and Brandon McGrail-Manning, of SPV Group, Walsall, have been declared winners of the 2021 'BMI Apprentice of the Year' competition.**

Following a challenging and exciting two-day pitched and flat roofing competition at the BMI Academy, Jamie, who trains at Leeds College of Building, was the winner of the Pitched Roofing category, while Juniper Training student Brandon won the Flat Roofing category.

Both winners receive a £1,000 prize, a bespoke trophy 3D-printed at the BMI Technical Centre and three years' worth of training support from the BMI Academy.

In addition to the winners, two further apprentices were recognised for their consistently-high standards across all tasks and were awarded 'Highly Commended' in the competition. They are Keeley Howell of Sussex Asphalt (Flat Roofing) and Kai Hunt-Beech of J Martin & Sons, Corsham (Pitched Roofing).

The 2021 winners were announced by BMI's Marketing and Technical Director, Paul Campbell and Sales Director, Fraser Biles. Speaking at the awards dinner, Paul said:

*"We want this competition to inspire tomorrow's roofers and this year's crop of finalists are hugely inspirational, representing the future of British roofing."*

*"We think it is crucial to recognise such talent to encourage people into the trade and the ability and potential we've seen over the past two days is great cause for celebration."*

*"Our thanks go to the apprentices, their employers and their tutors for the energy and enthusiasm they brought to the competition."*

For further information email [marketingukandi@bmigroup.com](mailto:marketingukandi@bmigroup.com).



## TRUST PASLODE FOR ALL YOUR ROOF FIXING NEEDS

Over many years **PASLODE** has built an enviable reputation for delivering best-in-class nailing systems, revolutionising construction methods and reducing labour time while increasing product reliability and on-site safety.

Paslode has a selection of tools to make your roofing projects quicker and easier while ensuring that you always achieve the best possible quality fix by offering solutions for a range of different roofing applications.

At the outset of your roof construction, particularly when laying roof battening, boarding and flat roofing, the Paslode 360Xi framing nailer provides the perfect fixing solution. The tool boasts an unbeatable power-to-weight ratio, promoting all-day productivity.

The Paslode PPNXi tool provides an efficient and safe way of installing hangers, brackets and straps, thanks to an innovative locator probe that accurately delivers a hardened twist nail in the precise required location.

Finally, when fixing metal roofing, the IM45 cordless coil nailer has been proven to increase productivity on site by as much as 40 per cent, which also has an impact on costs, saving you precious time and money in comparison to traditional hand-nailing methods



For more on the Paslode product range, visit [Paslode.co.uk](http://Paslode.co.uk).



## KYTUN—CONSTRUCTING WEATHERTIGHT AND DURABLE BUILDINGS HAS NEVER BEEN MORE IMPORTANT

Studies of climate change are showing growing evidence that daily average wind speeds over much of North America, Europe and Asia have increased by around seven per cent since 2010.

The main cause is 'differential heating', which is the difference in temperature between different areas.

Similarly, the UK and Ireland's climate is becoming wetter as average temperatures rise. Rainfall events are becoming more frequent and are heavier, with the increasing likelihood of extreme weather events such as floods and heatwaves.

This means that designing and constructing weathertight and durable buildings, and in particular roofs, has never been more important.

Kytun designs and manufactures a huge range of roofing products in both uPVC and aluminium and is easily the UK and Ireland's largest producer of aluminium roofing systems.

While PVC and other plastics are extremely-popular materials for dry-fix verge systems, aluminium is increasingly being seen as a superior alternative material for roofing products.

As well the environmental benefits of aluminium, it also offers some great advantages over uPVC.

Kytun aluminium dry-verge systems incorporate a patented 'Drip System' which has a drainage channel that will not only prevent water from running down the wall but will drain water all the way down to the eaves gutters, thus preventing water from dripping over the verge edge.

The Kytun aluminium systems are available in all good roofing stores.

For further information visit [www.kytun.com](http://www.kytun.com).

## EVERROOF AT UK'S FLAGSHIP LANDSCAPING EVENT

This winter, EVERROOF® has been showcasing its BS and EU fire- and wind-tested and classified artificial green roof systems to the construction industry at UK Construction Week as well as FutureScape 2021, the UK's flagship landscaping event.

EverRoof® is the UK's only accredited artificial green roof system and a brand that is part of Evergreens UK Group. The Rutland-based group also provide professionally-accredited installation training at their National Training Academy.

This Lantra-certified, nationally-recognised course covers all elements of the installation process from product selection to aftercare, with trainees gaining expertise to correctly and professionally install artificial green roof systems with full consideration of all site, waterproofing and drainage requirements.

The winter training programme has dates available for individual or team bookings in January, February and March 2022.

For further information and to secure training places at the National Training Academy for this two-day theoretical and practical technical training in artificial grass installation, please contact Temi Kucuk on 01572 766 912 or 07591 204 463, email [info@everroof.co](mailto:info@everroof.co) or visit [www.everroof.co](http://www.everroof.co).



# PERMAVENT'S APEX MEMBRANE AND EASY ROOF SYSTEM CHOSEN FOR CHALLENGING RE-ROOFING PROJECT

**PERMAVENT** has been called into action for an ambitious renovation project of a Grade II listed building in Bridgend, Wales.

The project, which was appointed to DEP Architects, was a technically-complex project to complete. Permavent was called in to offer technical and installation guidance on a project which had several critical considerations. These included a number of varying pitch elevations across the property, the requirement to maintain an aesthetic continuity across the entire building, and even considerations for the safety and preservation of any bat nesting within the dwelling. All these factors were also monitored by Cadw Heritage.

Permavent Apex was specified for all main roof areas due to its unique air and vapour permeability. As a result, no additional ventilation was required, satisfying the aesthetic requirements for the roof.

Permavent Apex is available as a double-taped membrane, which offers savings of up to 25 per cent on material and installation costs because of its reduced wastage and quick installation. Apex also provides a significant improvement on traditional specification.

Permavent's patented Easy Roof System addressed hurdles presented by the many challenging elevations on Westfield House. The Easy Roof system allowed for the specified slate to be installed as low as twelve degrees, which meant that the house retained its traditional heritage roof appearance.

And as the complete Easy Roof system was installed as per Permavent's recommendations, the installation was covered by Permavent's comprehensive 40-year guarantee.

For further information visit [www.permavent.co.uk](http://www.permavent.co.uk).



## DANOSA—THE STORY OF ITS SUCCESS

**DANOSA UK Ltd is a manufacturing company specialising in comprehensive solutions for sustainable construction.**

It is considered one of the leading companies in the Spanish and European markets, plus a presence in more than 100 countries, thanks to the manufacture and marketing of waterproofing, thermal and acoustic insulation products and systems, as well as

technical mortars for the new construction, rehabilitation, and civil works.

### Sustainability and products

In recent years, DANOSA has offered the market environmentally-friendly solutions, such as its landscaped roofs that minimise heat absorption from the thermal envelope, contributing to energy savings in buildings.

*Photo by Invictus Roofing*

It also offers its Nox system for roofs, reducing atmospheric pollution levels in urban environments, or its integral Cool Roofing system, which reduces energy consumption by incorporating a highly-reflective PVC sheet and thermal insulation panels.

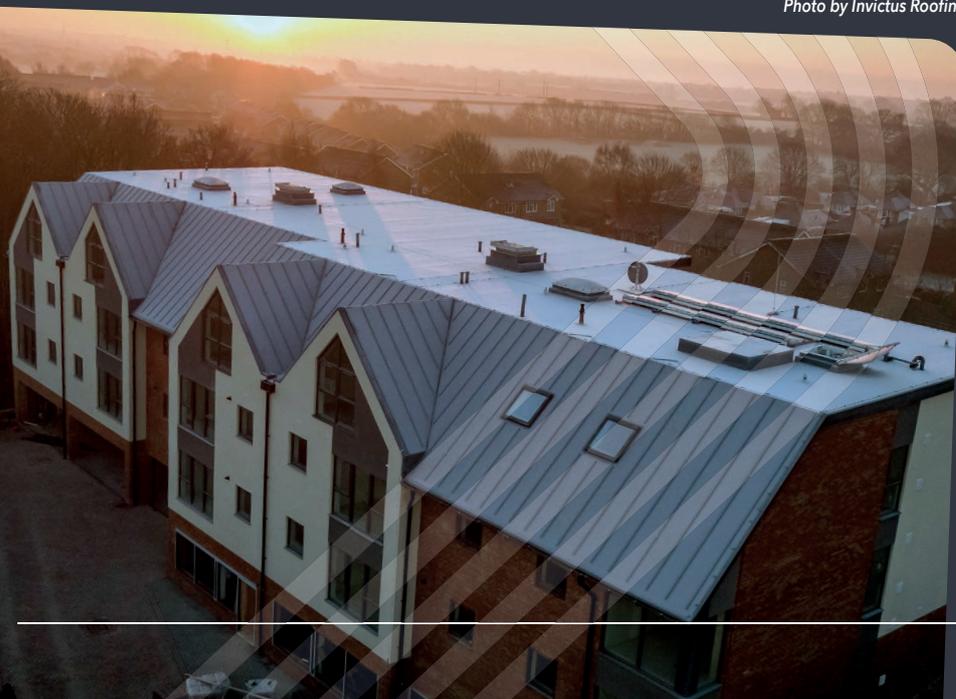
The company is committed to creating a circular economy and introducing recycled materials into production processes, making it possible for these wastes to become useful raw materials to manufacture new products.

### Awards and recognition

DANOSA has obtained the BREEAM, GREEN, and LEED certifications to facilitate the task of professionals and promoters in choosing and evaluating materials by offering environmental information on products and construction systems, visualising their environmental, social, and economic benefits.

**DANOSA UK has been recently awarded a prize for its Bituminous Hot Applied Liquid Waterproofing with ICS Ltd for the VEGA Controls project at the NFRC UK Roofing Awards 2021.**

For further information visit [www.danosa.co.uk](http://www.danosa.co.uk).



# SURESPAN SOLAR—IN TOUCH WITH TOMORROW



To view the product, visit [surespancovers.com/surespan-solar](https://surespancovers.com/surespan-solar)

**Surespan Solar's latest solar technology integrates with its roof hatches to provide a turn-key, out-of-the-box solution for powered-opening hatches.**

No electricians are necessary; the semi-flexible, self-healing ETFE solar panel provides a 20 W rating of power as standard which in turn charges a neatly-concealed battery pack within the hatch upstand. The final touch is a wireless remote control.

The system will be designed to provide seven open and close cycles per day to ensure

battery longevity, but has capacity for more than 14 cycles off the battery. The highly-efficient crystalline cell solar panel ensures all-weather operation; even on cloudy days there is solar radiation passing through the clouds which will charge the battery, while the inbuilt charge controller protects against battery discharge during night-time.

The solar panel is salt-spray and UV light tested, and water-resistant for robust outdoor use. It is manufactured with six-layer heavy-duty laminate, which protects the solar cell circuit from extreme conditions, and is backed with a

20-year cell performance warranty and a two-year product warranty for peace of mind.

The new generation, solar-powered roof hatch is based on the market-leading SRHP75. Thermally broken and fully insulated, this roof hatch can be fitted with solar panels and electric actuators for out-of-the-box, wireless operation.

The semi-flexible ETFE panel adheres to the lid of the roof hatch, and a cable runs within the upstand connected to a battery pack and small control module allowing remote control.



## CITY'S GREEN ASPIRATIONS BRING A BUZZ TO BUS STOPS

Leicester City Council's ambition to be carbon neutral and climate-adapted by 2030 has paved the way for the installation of the UK's largest network of bus stops topped off with living roofs.

The initiative, delivered in conjunction with out-of-home advertising and infrastructure company Clear Channel UK and award-winning British living roof supplier WALLBARN, has seen 30 new 'green' bus stops installed on city centre thoroughfares Humberstone Gate and Charles Street.

Affectionally nicknamed 'bee bus stops', the shelters deliver a boost to biodiversity and demonstrate how local authorities can take the lead in retro-greening urban landscapes.

Deputy City Mayor Cllr Adam Clarke, environment and transportation lead, said: "It's great to see the first of Leicester's new living roof bus shelters appearing across the city. We've had fantastic feedback from people who are as excited as we are to see this bee- and butterfly-friendly revamp of bus shelters taking shape."

Finding the right living roof partner was essential for Clear Channel, which selected Wallbarn and its award-winning British-grown

M-Tray modular green roof system, which is designed with all elements of a traditional green roof contained within fully-established pre-planted trays. The bus stops are planted with a blend of 18 different species of wildflowers, offering all-year green with a carpet of flowers in summer.

Wallbarn Director Julian Thurbin said: "This is an absolutely fantastic project, providing the city with a 'bee superhighway' and all the many recognised benefits of living roofs."

For more information please visit: [wallbarn.com/green-roofs](https://wallbarn.com/green-roofs).



# THE SKY IS THE LIMIT WITH **BILCO UK'S SKY FLATGLASS SMOKE VENT**

**BILCO UK** is supporting roofing professionals in achieving the highest standards in safety, efficiency and aesthetics with its new **SKY Flatglass smoke vent**.

The innovative product, which can be installed on flat roofs across a wide range of commercial and residential building types, offers a diverse 'three in one' solution, as it can be utilised as a smoke vent, roof access hatch and rooflight.

Suitable for installation on new-build developments or retrofitted onto existing projects, the CE-marked smoke vent can be wired into the building management system that will automatically open in the event of a fire or smoke.

The SKY Flatglass is fully compliant with all relevant building regulations outlined in Approved Document B and is tested to *BS EN 12101-2* to support professionals in achieving constant compliance in line with the latest legislation.

The smoke vent features a single-leaf flat glass sliding cover, offering a functional yet aesthetic approach to natural smoke ventilation, particularly for exposed areas where a hinged opening may not be suitable.

The streamlined flat glass also enables the smoke vent to be utilised as a rooflight, flooding interior spaces with natural light. When used in conjunction with a fixed ladder, it can also be utilised as a roof access hatch, opening to 180° for safe and secure access.



The latest range has been tested for impact resistance, meeting standard *BS EN 1873: 2014 Class SB1200*.

For further information on Bilco UK's complete range of roof access solutions, visit [www.bilcouk.co.uk](http://www.bilcouk.co.uk) or call **01284 701696**.



## UNIQUE ROOFING INSIGHTS AVAILABLE AS **SIKA** KNOWLEDGE CENTRE EXPANDS

Global building products manufacturer, **SIKA**, has expanded its e-Learning platform to include on-demand webinars aimed at giving greater insights into a range of practices and products in the waterproofing, roofing and concrete refurbishment sector.

The presentations are available via the Sika **UK Knowledge Centre\***, a free, cloud-based initiative open for anyone to use at any time.

The latest learning opportunities provide an introduction to Sika roofing solutions. Webinar subjects include green roof systems, the launch of Sika's structural roof waterproofing

system SikaBit® ProMelt, and its metal roof refurbishment solution, Sika® Pro-Tecta.

In addition, CPDs titled '**Successful Roof Refurbishment**' and a presentation on selecting a flat roofing system to meet modern demands are available to view. The Sika UK Knowledge Centre has also been expanded to provide in-depth guidance related to Sika products in the waterproofing and concrete refurbishment sector.

Cheryl Douglas, Head of Marketing at Sika Limited, said: "*Within a diverse landscape of roofing technologies, the Knowledge Centre presents an*

*opportunity to get to grips with Sika's unique range of products and solutions.*

*"The roofing webinars are designed to improve the specification and installation process, with the overall aim of upholding best practice standards. We urge customers to visit the Sika UK Knowledge Centre to discover how it can assist their next building project."*

With a diverse library of educational courses already available on matters relating to sectors across the construction industry, the interactive offering will continue to grow.

\*<https://gbr.sika.com/en/knowledge-articles/knowledge-center-local1.html>

# ENHANCED COMPONENT FOR SINGLE PLY AND COLD APPLIED LIQUID FLAT ROOFING SYSTEMS

**BAUDER is introducing BauderTEC DBR 06 for use as an Air and Vapour Control Layer (AVCL) in single-ply systems, and as an AVCL and carrier membrane in cold applied liquid applications.**

BauderTEC DBR 06 is a 0.6 mm thick, technically-advanced self-adhesive elastomeric reinforced bitumen air and vapour control layer, featuring an aluminium foil facing for vapour impermeability.

In both single ply and cold applied liquid applications, BauderTEC DBR 06 can be used over certain new and existing roof systems and new deck substrates, including profiled metal, plywood and OSB. It is not intended for direct application to concrete decks nor as temporary

waterproofing. A range of primers available from Bauder can also be applied with this product.

When installed within a single-ply system, the 50 per cent increase in thickness of BauderTEC DBR 06 over BauderTEC DBR makes this product more robust and allows for use within a fully-adhered assembly. This product also benefits from a shorter roll length and reduced roll weight, assisting ease of installation.

When used in cold applied liquid systems, BauderTEC DBR 06 can be used as the AVCL and as the carrier membrane over the insulation. At less than half the thickness of KSD DUO, it is a more flexible membrane and reduces the overall thickness at the laps. This allows the insulation to sit flatter and leads

to easier installation of the cold applied liquid waterproofing system, and contributes to an improved aesthetic finish.



Find out more at [bauder.co.uk](http://bauder.co.uk).

## CHANDLERS ROOFING OPENS NEW BRANCH IN NORTH LONDON

**CHANDLERS ROOFING SUPPLIES will open its tenth specialist roofing supplies branch in Tottenham, London.**

Following substantial investment, the North London branch in Tottenham will open its doors in January.

Roofing sector stalwarts Lee Walden and Jack Edmead, formerly of SIG, Kentish Town, join the growing Chandlers Roofing Supplies team. Lee takes the role of Branch Manager, while Jack will be Operations Manager.

Danny Spokes, Managing Director of Chandlers Roofing Supplies, said: *"Our London delivery network is exceptional. We have invested in being highly responsive to roofers working on site. Our London branches now have four rapid response vehicles along with six HGVs, ensuring timely and express delivery services to all our customers."*

The 8,000 sq ft premises on Elm Lea Trading Estate, Leaside Rd, provide efficient links into London and will stock in excess of £400,000 worth of roofing materials.



For further information contact [www.chandlersbs.co.uk](http://www.chandlersbs.co.uk).

## DUPONT™ TYVEK® UNDERLAY PROTECTS NOTTINGHAM HOUSING REGENERATION PROJECT

*"With this project, we retain the existing building, and therefore its embodied energy. We encapsulate it to provide minimal air leakage, typically < 1 m<sup>3</sup>/hr/m<sup>2</sup>."*

*"This is an improvement of greater than 90 per cent over the building regulations and can be applied to almost any existing structure, whatever its type, across the whole of the UK."*

This statement from Paul Clark, Design Manager at Melius Homes, provides an insight into the company's philosophy. Rather than demolish structurally-sound houses, Melius Homes re-skin the walls and roof with modern materials that provide massively-enhanced performance.

And in order to be suitable for use in any location, the DuPont™ Tyvek® and Airguard® range of construction membranes and accessories are used.

On the roof panels, DuPont™ Tyvek® Supro underlay is used. Unrestricted when tested to BS 5534+A2 2018, Tyvek® Supro can be used in any location in the UK, regardless of site location, height above sea level, proximity to water, site topography and ceiling condition.

Adding to the convenience is the roll size—being 3.0 x 50 m means minimising overlaps which increase the speed of installation in the factory.

The Melius Homes' approach, and the Tyvek® materials that are used, ensure the best performance possible and utilise the best of both worlds—retained masonry construction for thermal mass and timber panels for maximum thermal performance and airtightness.

This is vital because airtightness ensures that the system performs 'as designed', with virtually no performance gap, and keeps heating bills very low.

For further information visit [www.dupont.com](http://www.dupont.com).





# THE WHIRLPOOL EVOLUTION

For further information visit [www.wjhorrod.co.uk](http://www.wjhorrod.co.uk)

*"As a small family business designing, developing, and manufacturing equipment for the past 70 years, we are astonished to find that equipment is still coping with today's market needs."*

**Horrods'** Director of Works, Terry Horrod Snr, said: "Our one-ton Whirlpool mixer is a good example of this; it was designed in the late '80s, using a belt-driven or 'fast and loose' system, powered with a manual gearbox, for the sole purpose of hot-charge car park work.

*"The vertically-stirred asphalt mixer can be used for block asphalt or hot charge material directly from a tanker. This gives it the advantage over a hot charge dumper, which could not be used for block material, hence the need to bring in a conventional mixer for the up-stand work after the flat was laid."*

Ten years later, the Whirlpool had a facelift; its belt drive was replaced with hydraulics, and it was renamed the SwiftMelt Mastic Asphalt Mixer. It comes in various sizes, with

a thermostat-controlled burner, for use in the civil engineering sector where materials require a set temperature.

The most popular is the 500 kg Static, used for numerous roofing materials, such as Permascreed, with a 500 kg mobile unit used in the civil engineering sector with IKO Paco-Patch Asphalt for iron works and gullies.

The versatility of the machine has increased recently with some minor alterations and is now being used to recycle materials, as well as mixing a variety of materials in the civil engineering sector.

# TRIO OF FLAT ROOFING TIME AND MONEY-SAVERS NEW FROM EJOT

**EJOT has launched three solutions to help flat-roofing installers save time and money on site, as well as eliminating unnecessary labour and making installation easier from start to finish.**

Re-thinking the two-step process needed on site to assemble components during single-ply roof installation, EJOT is offering a pre-assembled fastener and telescopic tube-washer combination.

Historically, these products have been supplied as separate components on an 'assembly-as-you-go' basis. Often time-consuming, particularly for larger roofs, pre-assembly can save up to two hours for every 1,000 washers used and will initially be available for popular lengths of TKR (carbon steel) fasteners, in combination with HTK 2G 50 mm 'washer face' telescopic tube-washers.

The EJOT 'Grab Bag' complements this, holding up to 500 fasteners and including an at-a-glance fastener identifier. Attached around the waist, the durable bag puts assembled combinations within easy reach at all times, adding efficiency and speed during installation.

The final innovation is the M6 x 600 mm extension bar. Offering simplicity in a click, this securely holds a threaded drive bit via a spring-loaded ball bearing mechanism. This clamping function provides an audible '**CLICK**' to signal a secure hold during installation, allowing the fasteners to be easily slid on and driven into place while the installer remains standing. The result is greater consistency, reduced wear and tear on the drive bit and... **the installer's back!**

**To find out more, or for technical support, email EJOT UK via [info@ejot.co.uk](mailto:info@ejot.co.uk) or call 01977 687040.**



# TN INTERNATIONAL ACQUIRES CHESTERFELT



TN International, owner of Scottish insulation manufacturer Superglass, has acquired one of the UK's best-known bitumen roofing manufacturers in a multi-million pound deal.

TN International is one of the world's leading producers of roofing, waterproofing and insulating materials. The deal to acquire Chesterfelt adds UK production capability in bitumen roofing, complementing the company's Superglass insulation plant in Stirling.

It will earn the environmental benefits of reduced transport miles and offer welcome service and logistics advantages to UK customers.

Established in 1978, Chesterfelt has over 40 years' experience manufacturing and distributing bituminous waterproofing products from a manufacturing and warehousing facility in Chesterfield, Derbyshire. The company employs 30 staff and supplies a wide variety of roofing projects from domestic properties to large industrial buildings.

There will be no job losses as a result of the acquisition.

Theresa McLean, Area Director of TN International for UK & Ireland, said:

*"The construction industry is increasingly looking for whole building envelope solutions, and this acquisition is another key advance in TNi's ability to meet those requirements.*

*"We have the technologies to create ideal living and working environments, to safeguard people and property from the elements, and to reduce energy use and carbon emissions.*

*"Moreover, this acquisition is yet another indication of TN International's belief in, and commitment to, the UK construction industry, following the recent £37m refurbishment of the Superglass plant.*

*"This acquisition is also a milestone in a much broader future investment plan in the UK market."*

**For further information visit [www.superglass.co.uk](http://www.superglass.co.uk).**

## RETENTIONS IN SUB-CONTRACTS

**It is not uncommon for roofing companies working as sub-contractors to the main contractor to have problems obtaining the release of retention money from that main contractor.**

The retention amount should be specified within the sub-contract document and is usually set at three per cent or five per cent of the total work value.

Common practice is for the sub-contract to provide for half of the retention amount to be paid on what is called 'practical completion'. The sub-contractor then enters the defect liability period during which they are obligated to address any faults or defects concerning the sub-contract works.

Once this period ends and there are no defects present, the second half of the retention amount should be released.

If defects exist, the sub-contractor should make good those defects that are its responsibility under their sub-contract and a certificate of making good defects will be issued and the balance of the retention released.

Main contractors have been known to delay the release of retention on the basis that practical completion occurs on the completion of the main project and not the sub-contract works. Such a procedure is in contravention of the *Construction Act*, which no longer allows the release of retention monies to be linked to certification or completion of works under the main contract or any other contract up the line.

**If you need advice on your position in relation to a retention or would like to instigate formal proceedings to recover the retention amount, please contact PGM solicitors on 01792 418684.**

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